

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102419\
 Data File : BN008399.D
 Acq On : 24 Oct 2019 22:00
 Operator : JU
 Sample : K5236-01
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BEPC2

Manual Integrations
 APPROVED

mohammad
 10/25/2019 8:06:12 AM

Quant Time: Oct 25 00:56:05 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 23 14:07:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	1560	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.33	136	7630	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.21	164	4743	0.40	ng/ul	-0.01
10) Phenanthrene-d10	16.96	188	10708	0.40	ng/ul	-0.02
16) Chrysene-d12	21.16	240	10512	0.40	ng/ul	-0.02
20) Perylene-d12	23.33	264	8995	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.93	152	2312	0.18	ng/ul	-0.02
14) Fluoranthene-d10	19.00	212	7470	0.20	ng/ul	-0.02
Target Compounds				Ovalue		
3) Naphthalene	10.38	128	2000	0.092	ng/ul#	92
5) 2-Methylnaphthalene	12.01	142	1040	0.070	ng/ul	100
7) Acenaphthylene	13.93	152	7025	0.311	ng/ul	98
8) Acenaphthene	14.27	153	1845	0.105	ng/ul	97
9) Fluorene	15.26	166	2698	0.135	ng/ul#	96
12) Phenanthrene	17.00	178	58249	1.858	ng/ul	99
13) Anthracene	17.09	178	12320	0.447	ng/ul	100
15) Fluoranthene	19.02	202	164308	3.968	ng/ul	97
17) Pyrene	19.39	202	163365	3.903	ng/ul	100
18) Benzo(a)anthracene	21.15	228	96268	2.519	ng/ul	97
19) Chrysene	21.20	228	106763	2.276	ng/ul	98
21) Benzo(b)fluoranthene	22.69	252	113663m	3.882	ng/ul	
22) Benzo(k)fluoranthene	22.73	252	40748m	1.228	ng/ul	
23) Benzo(a)pyrene	23.24	252	78744	2.556	ng/ul#	86
24) Indeno(1,2,3-cd)pyrene	25.48	276	47021	1.296	ng/ul	99
25) Dibenzo(a,h)anthracene	25.48	278	12709	0.443	ng/ul	97
26) Benzo(a,h,i)perylene	26.13	276	46758	1.405	ng/ul	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

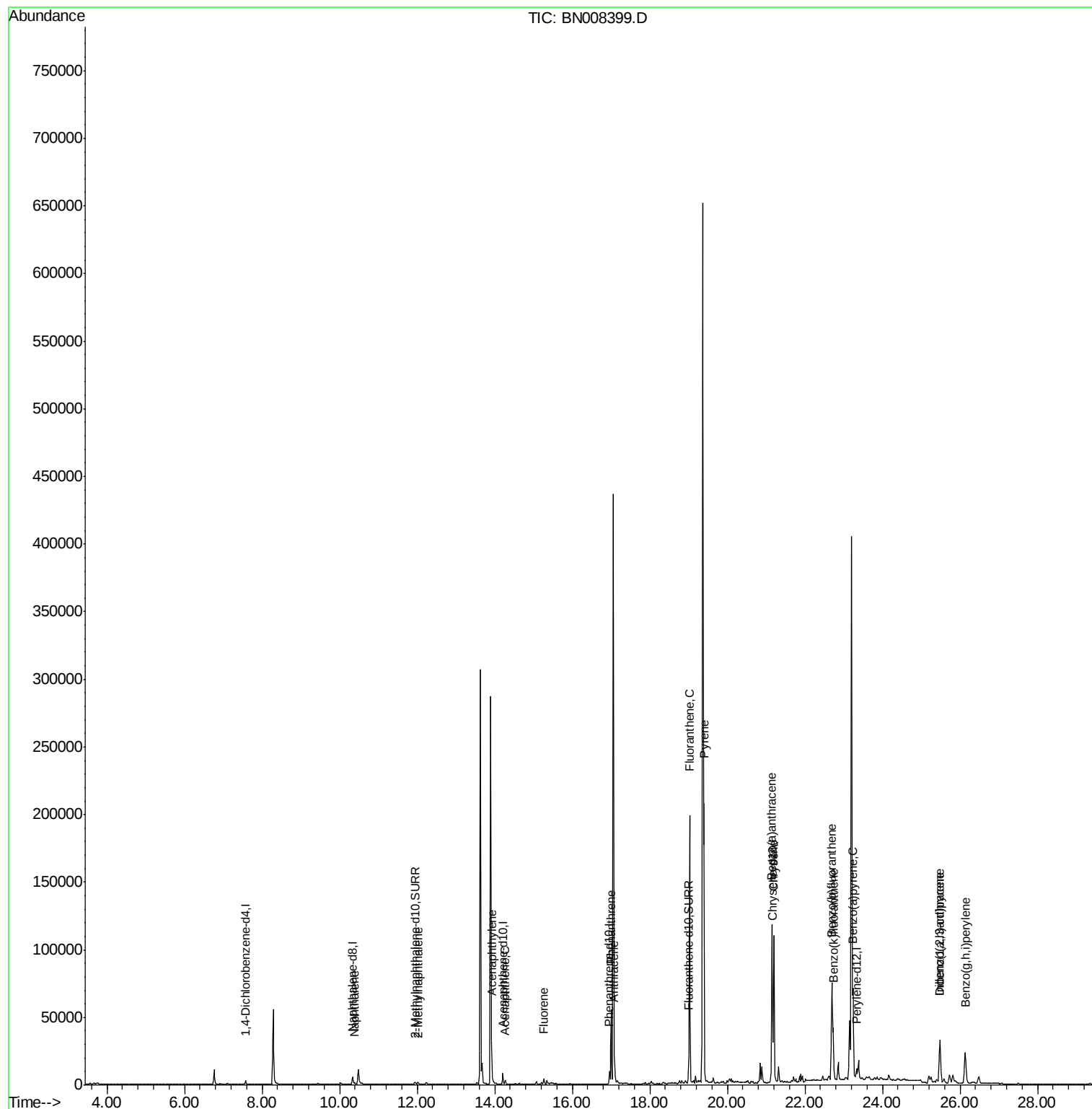
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102419\
Data File : BN008399.D
Acq On : 24 Oct 2019 22:00
Operator : JU
Sample : K5236-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

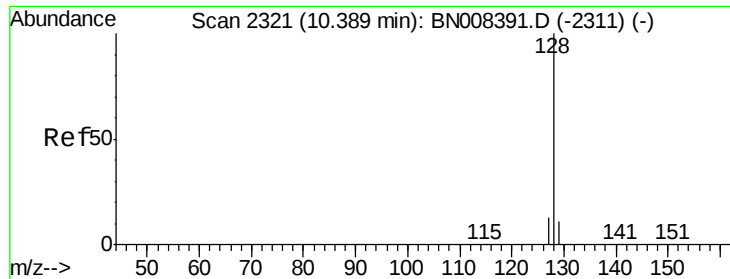
Instrument :
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Quant Time: Oct 25 00:56:05 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 23 14:07:55 2019
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.092 ng/ul

RT: 10.38 min Scan# 2320

Delta R.T. -0.02 min

Lab File: BN008399.D

Acq: 24 Oct 2019 22:00

Instrument :

BNA_N

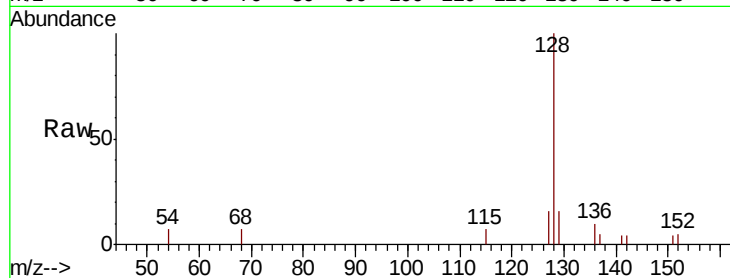
ClientSampleId :

BEPC2

Tot Ion	Ratio	Lower	Upper
128	100		
129	15.8	9.8	14.8#
127	16.5	11.1	16.7

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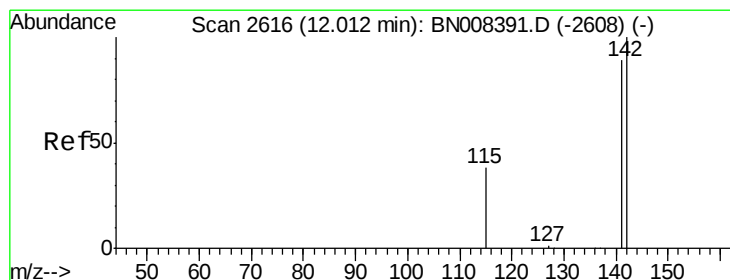
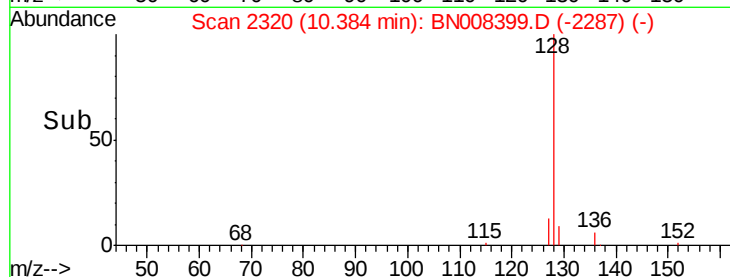
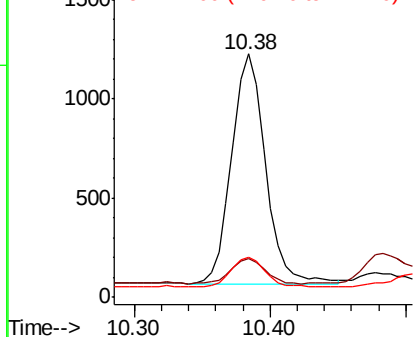


Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#5

2-Methylnaphthalene

Concen: 0.070 ng/ul

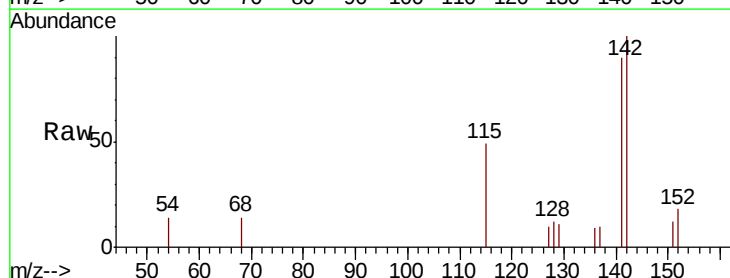
RT: 12.01 min Scan# 2616

Delta R.T. -0.02 min

Lab File: BN008399.D

Acq: 24 Oct 2019 22:00

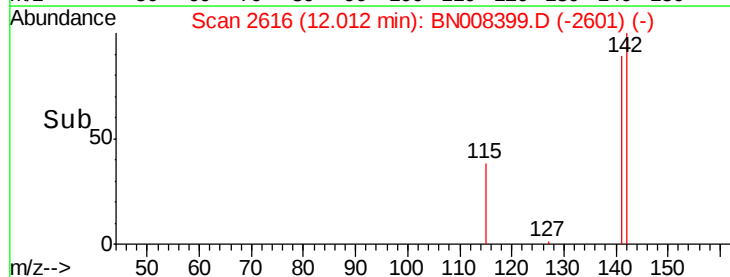
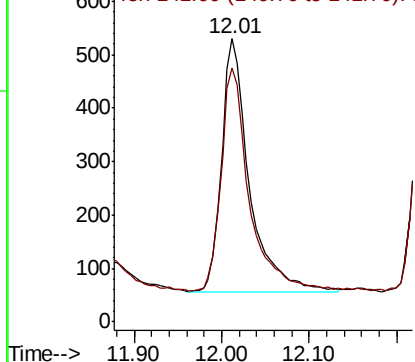
Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.7	71.4	107.2

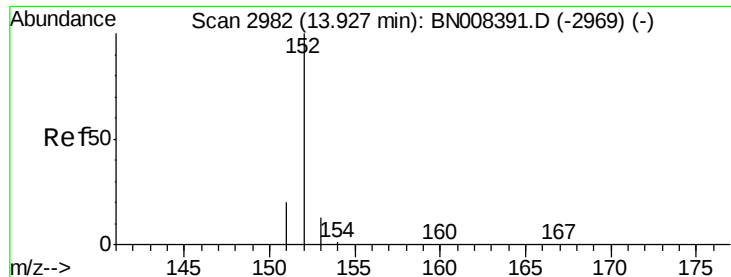


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.311 ng/ul

RT: 13.93 min Scan# 2982

Delta R.T. -0.02 min

Lab File: BN008399.D

Acq: 24 Oct 2019 22:00

Instrument :

BNA_N

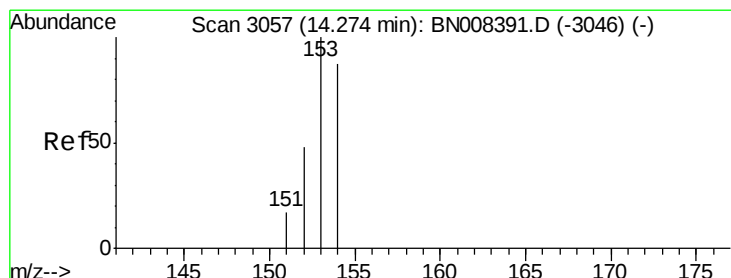
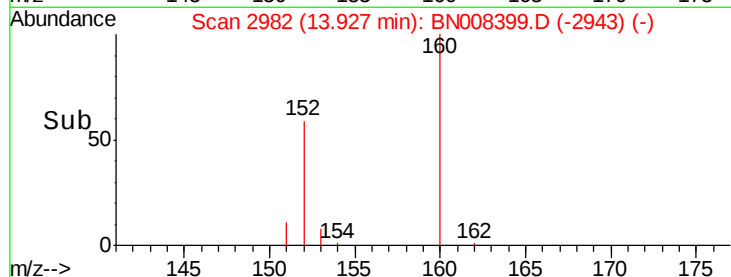
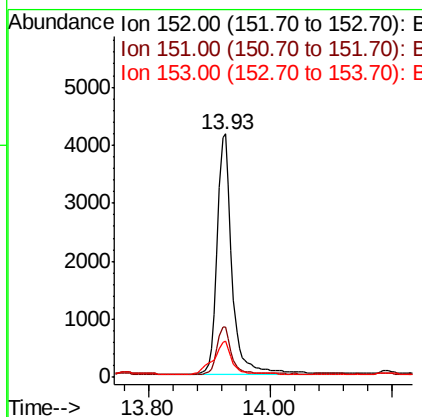
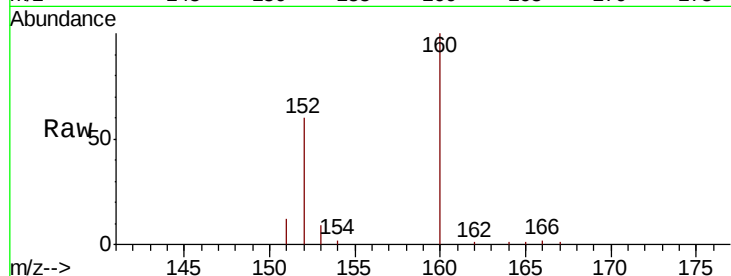
ClientSampleId :

BEPC2

Tot Ion:	152	Resp:	7025
Ion Ratio	Lower	Upper	
152	100		
151	20.5	16.2	24.4
153	15.1	11.0	16.4

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#8

Acenaphthene

Concen: 0.105 ng/ul

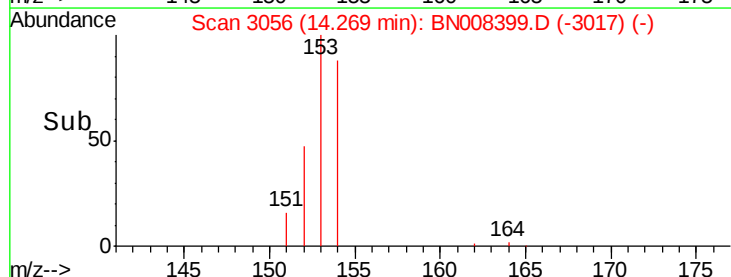
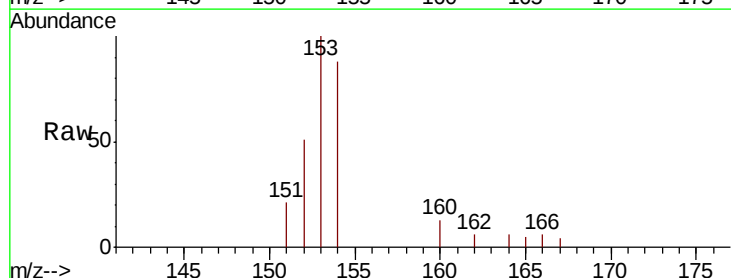
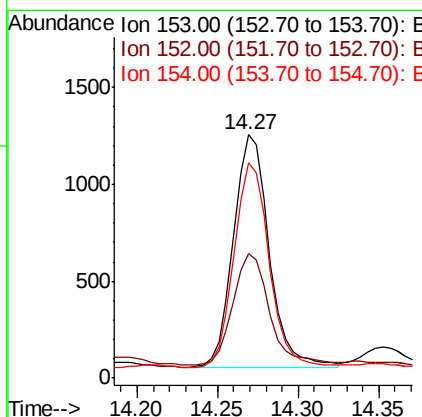
RT: 14.27 min Scan# 3056

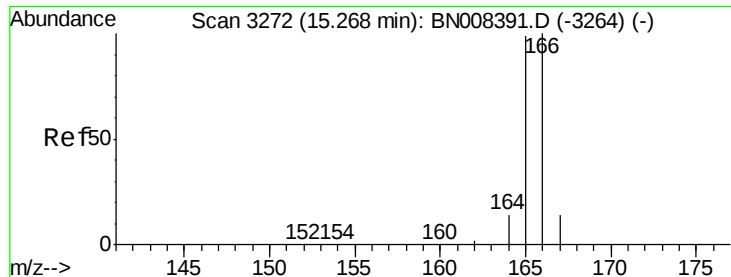
Delta R.T. -0.02 min

Lab File: BN008399.D

Acq: 24 Oct 2019 22:00

Tgt Ion:	153	Resp:	1845
Ion Ratio	Lower	Upper	
153	100		
152	51.3	38.2	57.2
154	88.4	71.8	107.8





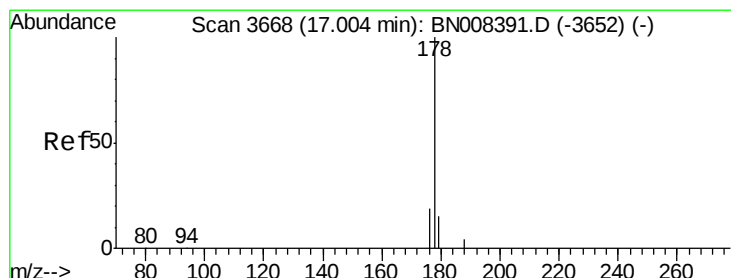
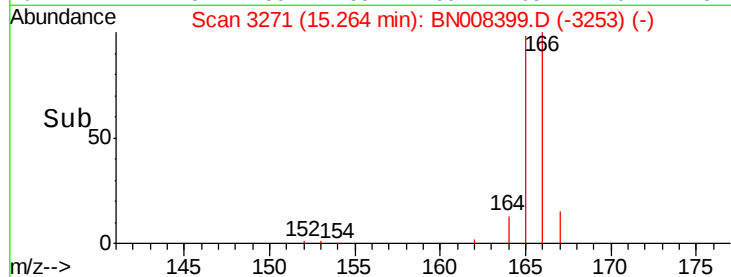
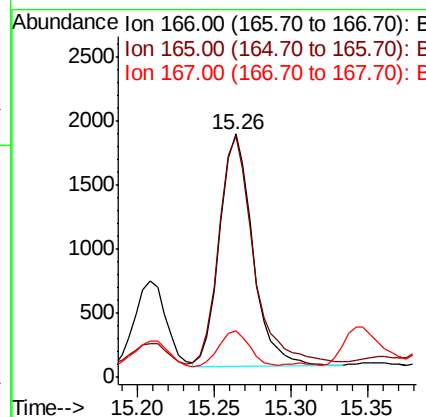
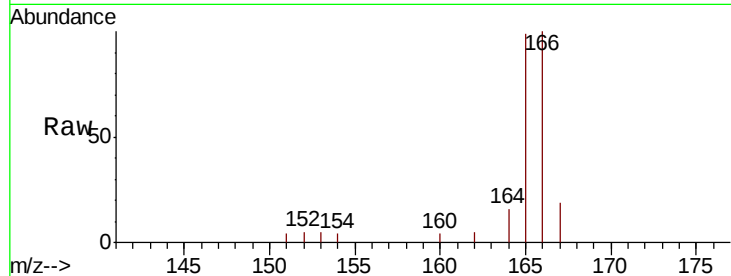
#9
Fluorene
 Concen: 0.135 ng/ul
 RT: 15.26 min Scan# 3271
 Delta R.T. -0.02 min
 Lab File: BN008399.D
 Acq: 24 Oct 2019 22:00

Instrument :
 BNA_N
 ClientSampleId :
 BEPC2

Tot Ion	Ratio	Lower	Upper
166	100		
165	98.9	76.6	115.0
167	19.1	11.7	17.5

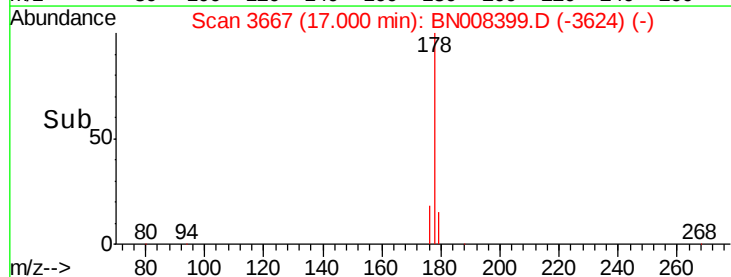
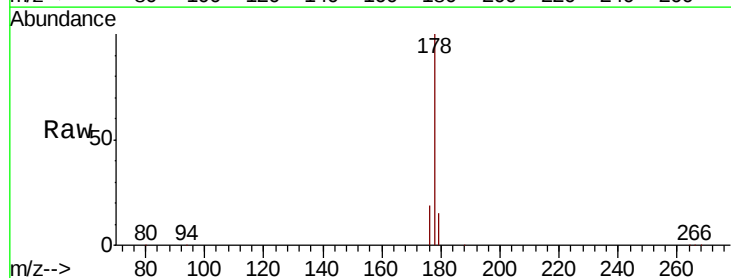
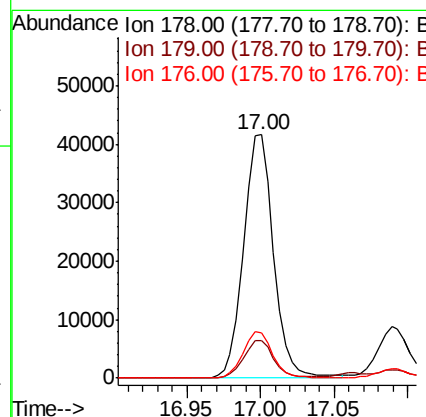
Manual Integrations
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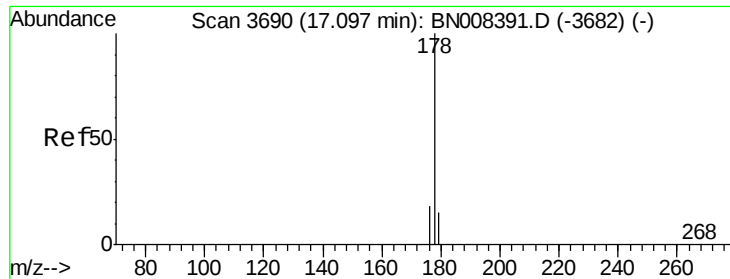
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#12
Phenanthrene
 Concen: 1.858 ng/ul
 RT: 17.00 min Scan# 3667
 Delta R.T. -0.02 min
 Lab File: BN008399.D
 Acq: 24 Oct 2019 22:00

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.8	19.2
176	18.6	15.4	23.2





#13

Anthracene

Concen: 0.447 ng/ul

RT: 17.09 min Scan# 3688

Delta R.T. -0.02 min

Lab File: BN008399.D

Acq: 24 Oct 2019 22:00

Instrument :

BNA_N

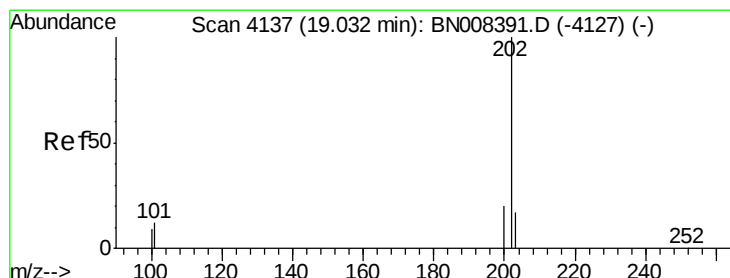
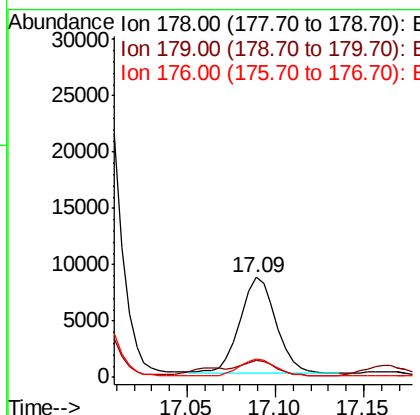
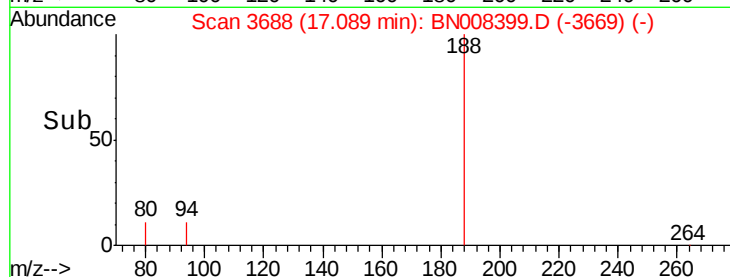
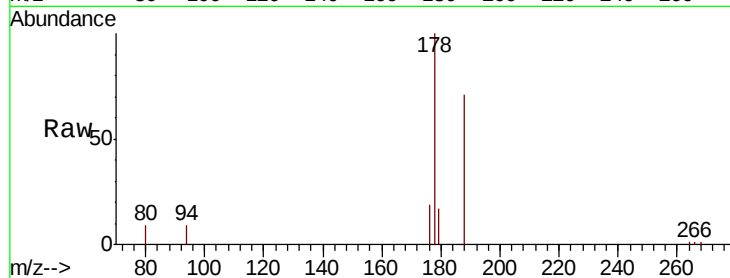
ClientSampleId :

BEPC2

Tot Ion:178	Resp:	12320
Ion Ratio	Lower	Upper
178	100	
179	16.7	13.0 19.6
176	18.7	15.0 22.6

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#15

Fluoranthene

Concen: 3.968 ng/ul

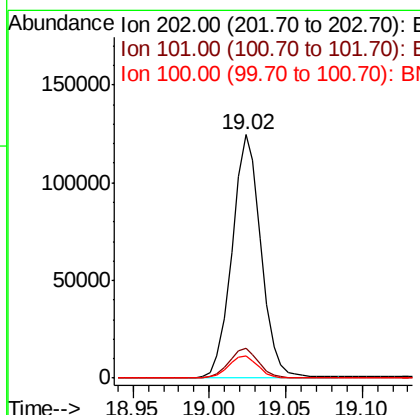
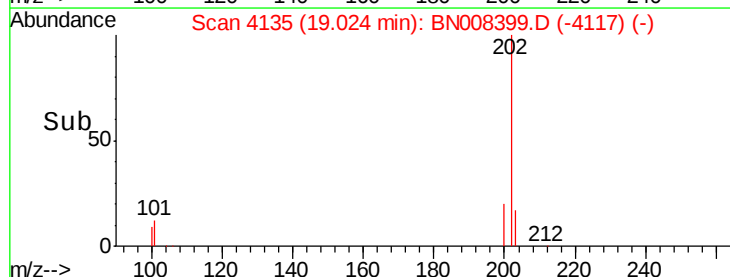
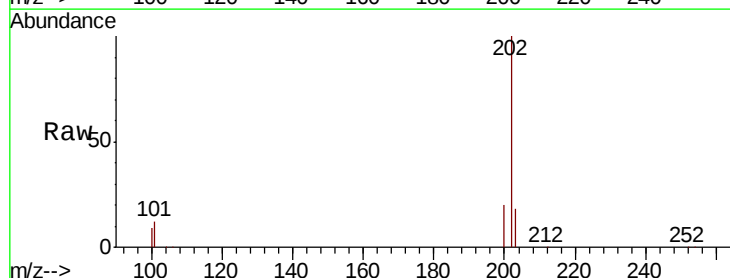
RT: 19.02 min Scan# 4135

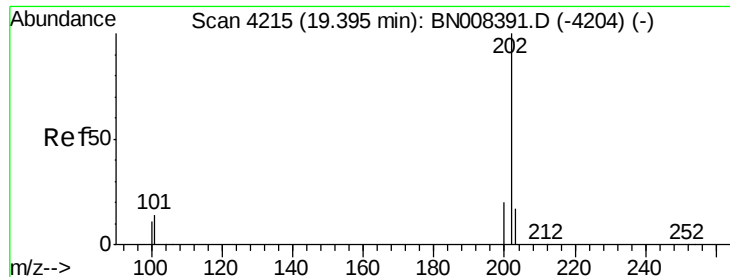
Delta R.T. -0.02 min

Lab File: BN008399.D

Acq: 24 Oct 2019 22:00

Tgt Ion:202	Resp:	164308
Ion Ratio	Lower	Upper
202	100	
101	12.3	0.0 31.2
100	9.3	0.0 28.5





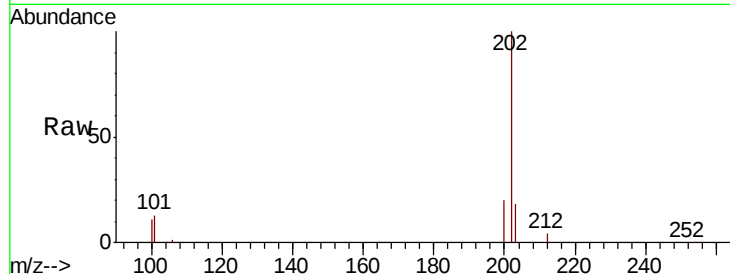
#17
Pvrene
Concen: 3.903 ng/ul
RT: 19.39 min Scan# 4214
Delta R.T. -0.01 min
Lab File: BN008399.D
Acq: 24 Oct 2019 22:00

Instrument :
BNA_N
ClientSampleId :
BEPC2

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	13.4	10.9	16.3
100	11.0	8.7	13.1

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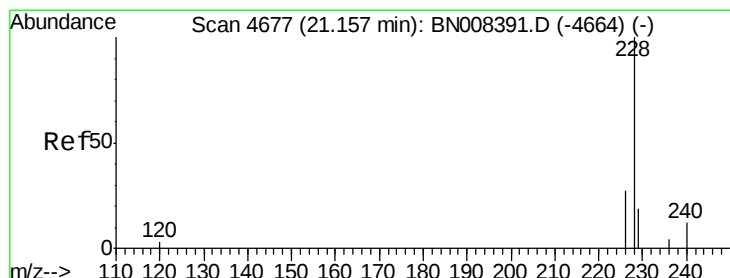
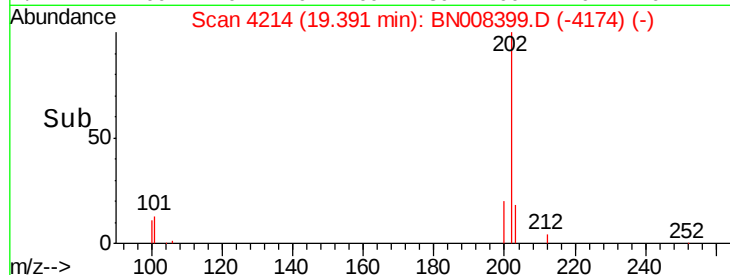
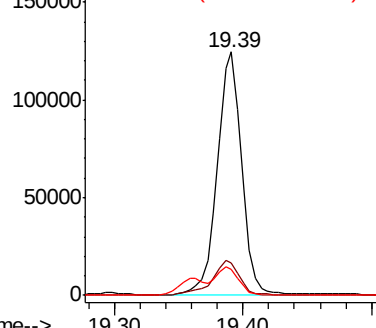


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#18
Benzo(a)anthracene
Concen: 2.519 ng/ul
RT: 21.15 min Scan# 4674
Delta R.T. -0.02 min
Lab File: BN008399.D
Acq: 24 Oct 2019 22:00

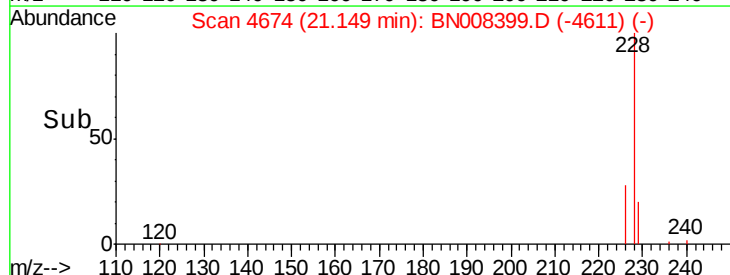
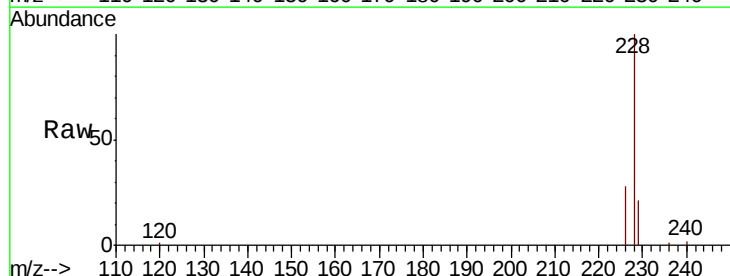
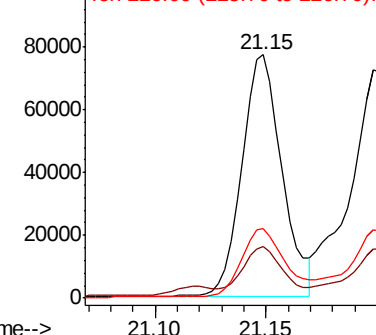
Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	21.0	16.2	24.2
226	28.4	21.4	32.0

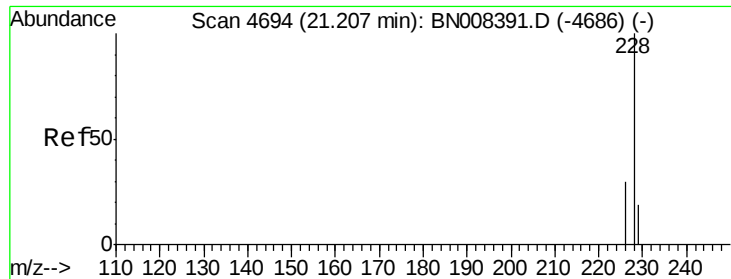
Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 2.276 ng/ul

RT: 21.20 min Scan# 4691

Delta R.T. -0.02 min

Lab File: BN008399.D

Acq: 24 Oct 2019 22:00

Instrument :

BNA_N

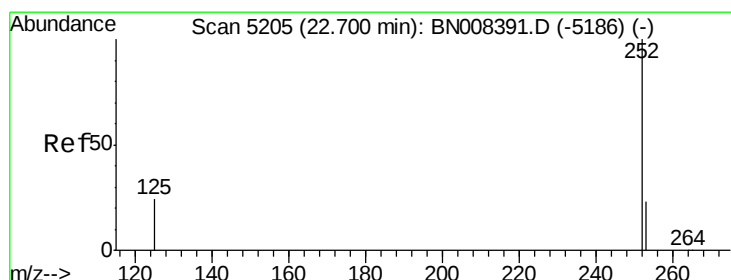
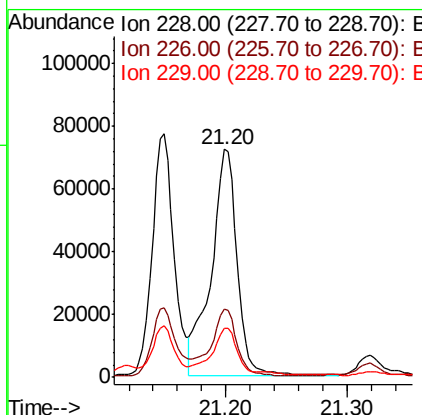
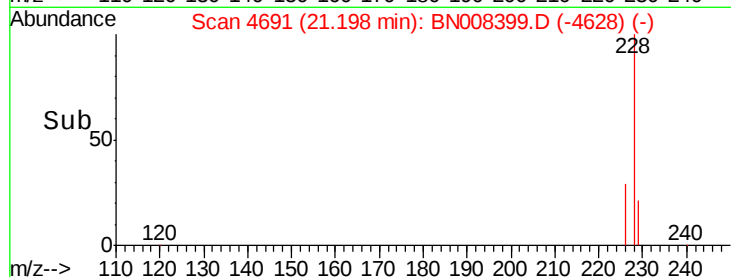
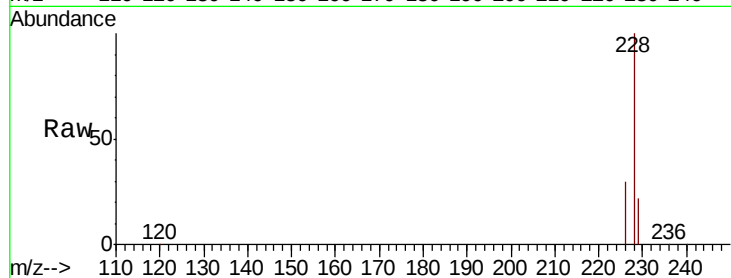
ClientSampled :

BEPC2

Tot Ion:	228	Resp:	106763
Ion Ratio	Lower	Upper	
228	100		
226	29.7	24.1	36.1
229	21.6	16.2	24.2

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#21

Benzo(b)fluoranthene

Concen: 3.882 ng/ul m

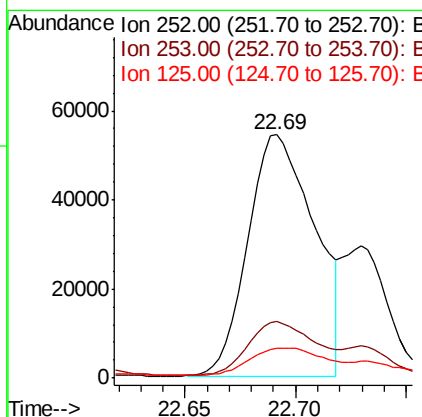
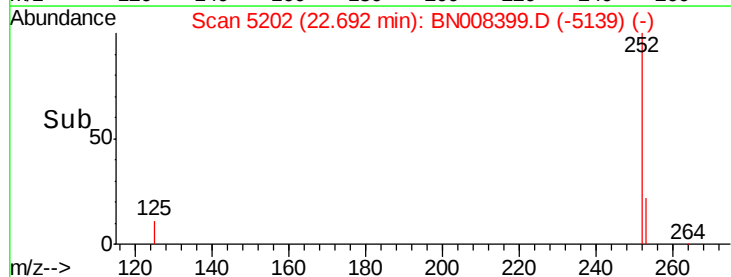
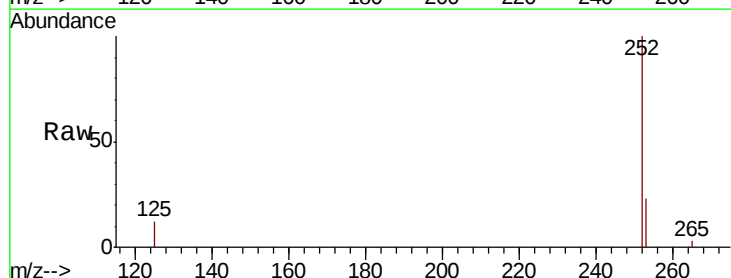
RT: 22.69 min Scan# 5202

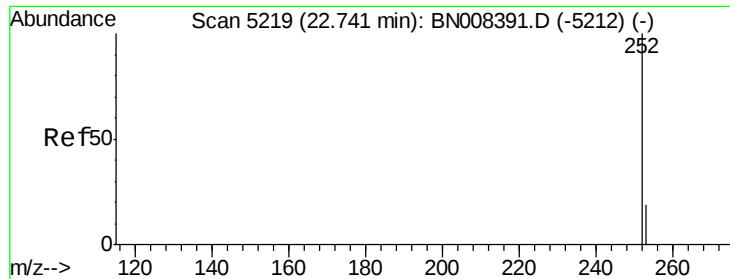
Delta R.T. -0.02 min

Lab File: BN008399.D

Acq: 24 Oct 2019 22:00

Tgt Ion:	252	Resp:	113663
Ion Ratio	Lower	Upper	
252	100		
253	23.1	0.0	53.4
125	12.5	0.0	32.4





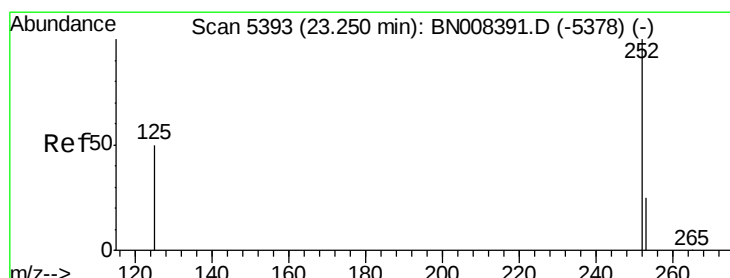
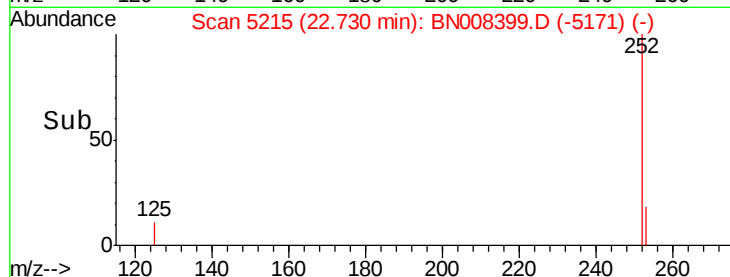
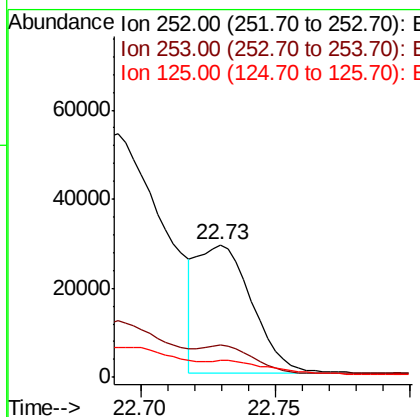
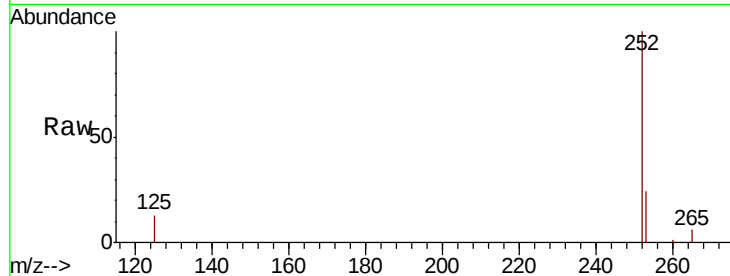
#22
Benzo(k)fluoranthene
Concen: 1.228 ng/ul m
RT: 22.73 min Scan# 5215
Delta R.T. -0.02 min
Lab File: BN008399.D
Acq: 24 Oct 2019 22:00

Instrument :
BNA_N
ClientSampleId :
BEPC2

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.3	21.3	31.9
125	12.6	12.3	18.5

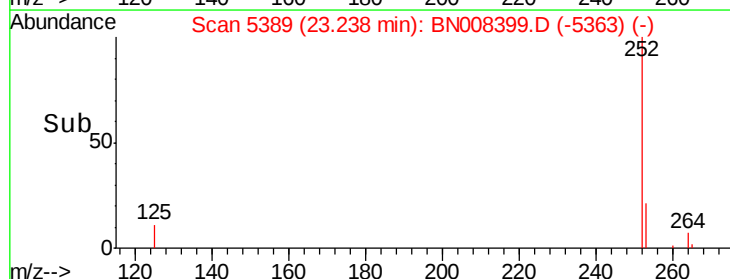
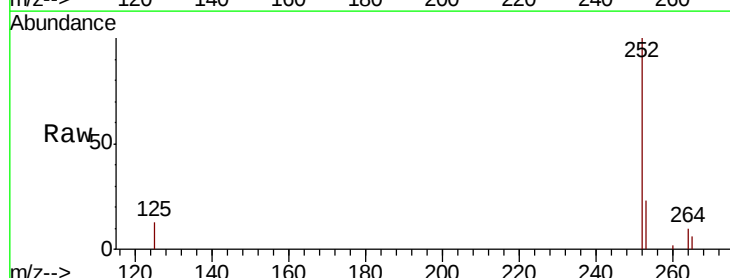
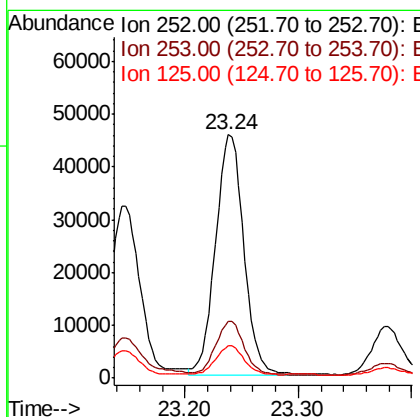
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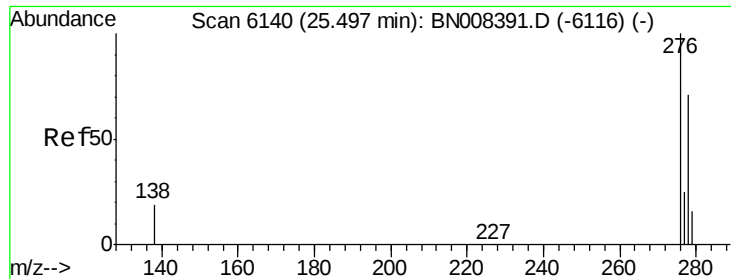
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#23
Benzo(a)pyrene
Concen: 2.556 ng/ul
RT: 23.24 min Scan# 5389
Delta R.T. -0.02 min
Lab File: BN008399.D
Acq: 24 Oct 2019 22:00

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	22.8	34.2
125	13.2	18.4	27.6#





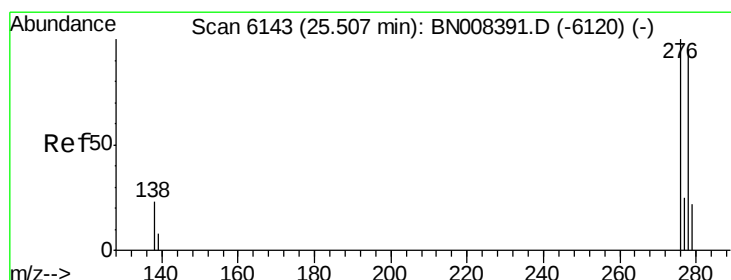
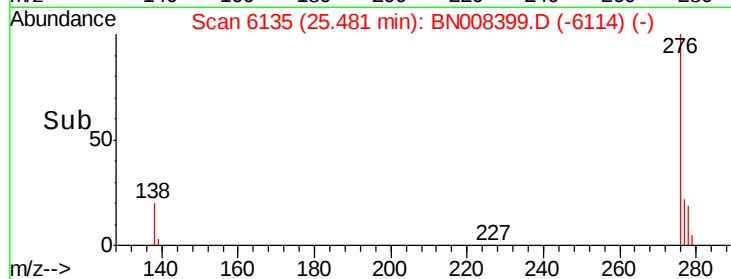
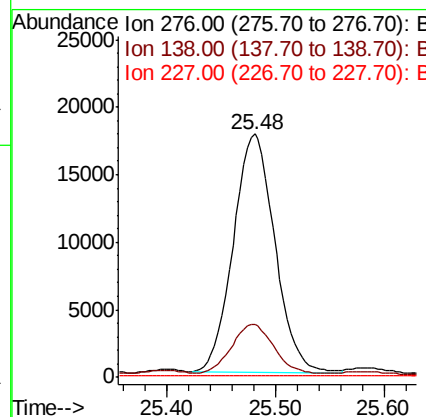
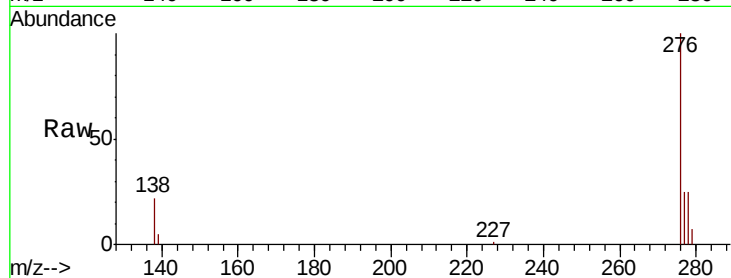
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 1.296 ng/ul
 RT: 25.48 min Scan# 6135
 Delta R.T. -0.03 min
 Lab File: BN008399.D
 Acq: 24 Oct 2019 22:00

Instrument :
 BNA_N
 ClientSampleId :
 BEPC2

Tot Ion	Ratio	Lower	Upper
276	100		
138	20.8	16.1	24.1
227	0.2	0.2	0.2

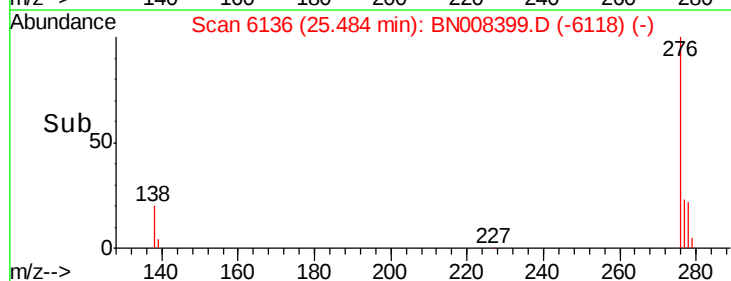
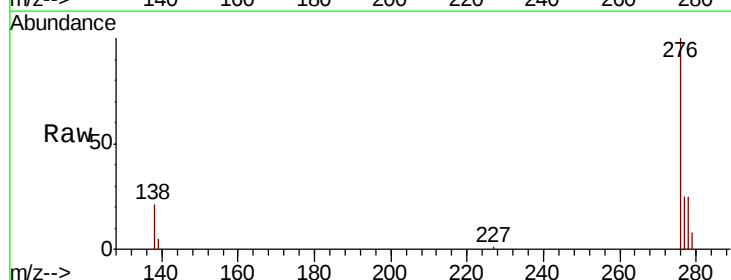
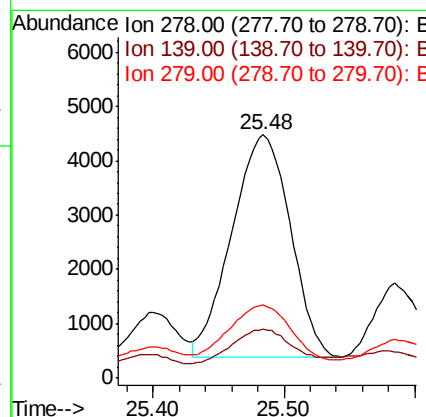
Manual Integrations
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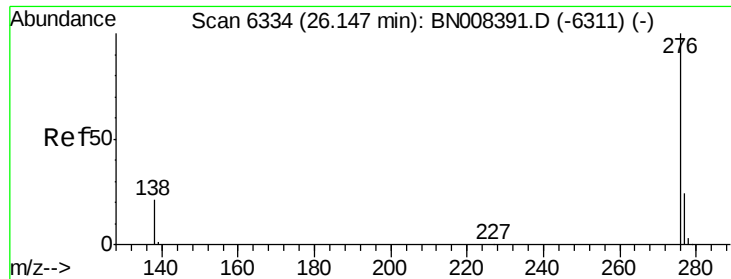
mohammad
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#25
 Dibenzo(a,h)anthracene
 Concen: 0.443 ng/ul
 RT: 25.48 min Scan# 6136
 Delta R.T. -0.04 min
 Lab File: BN008399.D
 Acq: 24 Oct 2019 22:00

Tgt Ion	Ratio	Lower	Upper
278	100		
139	20.1	15.0	22.6
279	29.9	22.4	33.6





#26
 Benzo(a,h,i)perylene
 Concen: 1.405 ng/ul
 RT: 26.13 min Scan# 6329
 Delta R.T. -0.04 min
 Lab File: BN008399.D
 Acq: 24 Oct 2019 22:00

Instrument :
 BNA_N
 ClientSampleId :
 BEPC2

Tot Ion	Ratio	Lower	Upper
276	100		
138	22.3	17.0	25.4
277	24.5	20.4	30.6

Manual Integrations
 APPROVED

mohammad
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